

DOCKET NO.: 295295US0X PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

GROUP: 1652

Jean-Luc JESTIN, et al.

SERIAL NO: 10/590,810

EXAMINER: HUTSON, RICHARD G

FILED: January 17, 2007

FOR: METHODS FOR OBTAINING THERMOSTABLE ENZYMES, DNA
POLYMERASE I VARIANTS FROM THERMUS AQUATICUS HAVING
NEW CATALYTIC ACTIVITIES, METHODS FOR OBTAINING THE SAME,
AND APPLICATIONS TO THE SAME

SUBSTITUTE RESTRICTION RESPONSE

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

Sir:

In response to the Notice of Non-Compliant Amendment dated March 31, 2010, please replace the Restriction Response and Amendment filed January 04, 2010 with this Substitute Restriction Response and Amendment.

In response to the Restriction Requirement dated November 03, 2009, Applicants elect, with traverse, Group I, Claims 1-18, 65, 66 (drawn to a polynucleotide) for examination.

Applicants also provisionally elect the following species, for examination purposes only, (1) polynucleotide sequences encoding for polypeptides having 80% identity to residues 13-555 of SEQ ID No:26, wherein said polypeptide has at least one mutation, at position **W550** (position 827 of the Taq polymerase wild-type); and (1) polynucleotide SEQ ID No:21 (at least claims 1-6, 10, 12, 14-18, 65 and 66 readable thereon).

Remarks/Arguments begin on page 2 of this paper.